FIG. 11A

Leader region

	Leader region
SCH94.03 CH12 germline Vk10	M M S S A Q F L G L L L C F Q G T R C D I Q M T Q T ATG ATG ATG TC TC TC TTG TTG TTT CAA GGT ACC AGA TGT GAT ATC CAG ATG ACA ACT ACT ATG ATG ATG ACA ACT ACT ATG ATG ATG ACA ACT ACT ACT ATG ATG ATG ACA ACT ACT ATG ATG ATG ACT ACT ACT ATG ATG ATG ACT
	CDR1
SCH94.03 CH12 germline Wk10	T S S L S A S L G D R V I I S C R A S Q D I S N Y L N ACA TCC TCC TCC TCT CTG GGA GAC AGA GTC ACC ATC AGT TGC AGG GCA AGT CAG GAC ATT AGC AAT TAT TTA AAC
	CDR2
SCH94.03 CH12 germline VK10	W Y Q Q K P D G T V K L L I Y Y T S R L H S G V P S R TG TG TAC TAC TAC ACA TCA AGA TTA CAC TCA GGA GTC CCA TCA AGG
SCH94.03 CH12 germline Vk10	FSGSGTCT GGA ACA GAT TAT TCT CTC ACC ATT AGC AAC CTG GAG CAA GAT ATT TCT TTT TGC
SCH94.03 CH12 Germline Vk10	90 Q
JK1	L

FIG. 13

4 | | | | V GTT 20 TGC 8 > TAT | | | GGA --₩ TGG I ATA I ATA δ 25 ¦ GR CAC 4E | ∢ წ TAC TAT GCT ATG GAC TAC TGG GGT CAA GGA ACC TCA GTC ACC GTC TCC AAG CAG 1 > GTA \ G | D T GAC ACA OR1 s GT ۷ું ¦ CTG AAT Y TAT 8 x k | CAG | | | S AGC 2 TG -- 9 Y TAT v GTG 30 ACT GAC 08 | Y | 1 92 708 | 고본 : ACA 1 82C L CTG | | Ö J region လ ညီ S AGC 25 | S S AGT 0 GGA ¥×8 ¥C 135 | > 2E | GGT g GGT M ATG C C GGT ू निय AGT | | \ \ \ | s AGC > 5 | | 8 r E | | Ω | & P 1 | AC | | | ATA 100C 100D A M F SE ပဋ | | | 표 : 50 × 50 | | | | > E | 1 AC | ACC GGA !!! ⊘કુ 100B Y org --8 I A I I I Y N G TAC AAT ---K S AAG AGC CTG 100A Y 20 | | 8 క్ట్ _{ది} స్టి Leader Peptide ာဌာ | E GAG CTG \$ 100 D C G S R GAC TAC GGT AGT AGG S AGC CTG AAT S N R G R AAT AGG GGT AGG K D AAG GAC # GAG ! GGT S TCA K AAG - 8 | | S S AGC GGA 08 | | | | 8 _P ATC AGA > 5 | | | 8 v TT | | S AGC ∢ၓွ CTA : CAG | | | L CTG ဌာပ Y germline VH101 TAC T germline JH4 -19 M ATG a o g | | | ₩ 000 | | | AGA germline VH101 O4 HNK-1 D23 HNK-1 023 8

FIG. 16

Leader Peptide

T Q	⊐£!!	R F AGG TTC	L & CTA CAA	
M DIA E	S AGC	8× ¥	о Т <u>ат</u>	
08	S AGT	4 8 1 1 ·	Y TAC	
ATC	30 GGT	> GTC 0 0	Y TAT	
GAC	ATT A	G GGT	D GAC	
o Ter	D GAC	s p	V GTA	TCA
R AGA	CAG	D GAT	F	C region GCT
	S AGT	L TTA	D GAT	GAT
4 0 9	₹ \$ \$	S AGT	E GAA	GCT
~ §	₩ 550 H	s 100	8 8 S	₩ 500 200
LE!	C TGT	T ACA	E GAG	108A AAA
1 E	ACT	8 4 S	7 6	106 I ATA
CHC CHC	T CIC	Y TAC	S AGC	GAA :
TTG	S S AGT	ATC	S AGC	
1 DET	> GTC	1 CTG	ATC	AAG
F 5	R AGA	200 	ACC	J region T ACC /
9 9	E GAA	¥	L CTC	5
LE!!	GGA	ATT	S TCT	0 G G G G
1 ATT	ار در و او	ACT	Y TAT	G GGA
CAG	S TCT	G GGA 	70 D GAT	TTC
4 %	₹ 20	D GAT	S TCA	T Acc
~ £ ! !	र प्रा	8 ° 8	9 999 1	Y TAC
₽ GG P	J #	E GAA	s 174	P 007
R AGG	s s 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 S	AGG	s TOT
M ATG	20	CAG CAG	S AGT	S AGT
D GAC	P 88	1 CTT	ဗ ဗ ု	4 gg
M ATG	र प्रदा	¥ 17 €	S AGT	Y TAT
gernline Vk41 HNK-1 MOPC41	germline Vk41 HNK-1 MOPC41	germine Vx41 HVK-1 MOPC41	germline Vk41 HNK-1 MOPC41	germine Vr41 germine Jr2 HNK-1 MOPC41

Leader Peptide

H CAC		Y TAT		၁၅ ၁		Y TAT		
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→ \$		> f2		æ ႘		იგ 95		
M ATG		्र धु		80 GAT		ဂ TGT		
v GTG		ACT A		۳ ۲		Y TAC		
1 ATT		s AGT		v GTC		Y TAT		
GAC D + 1	CDR1	> 5 GTG		g GGA		> FE		
5 G		D GAT		ACT A		₹ડુ		۲ <u>.</u>
GAC		o 5€		Y TAC		L CTG	region	
> H		S AGT		₩		DGAC	Ï	GAT
GGT 4		ح کو	CDR2	⊀ TAC		GAA		GCT .
s Tot		K AAG		s TCC		8 ₹	,	R CGG
L TTG		ပည္သ		۷ ²		o gy		106A AAA
¥ TGG		T ACC		50 \$ TCG		v GTG		108 CTG
L CTC		I ATC		Y TAC		S AGT		EGAG
Ŧ		s AGC		ATT		S AGC		L CTG
org		v GTC		L CTG		1 ATC		AAG -G-
F		R AGG		r CTA		T ACC	region	1 Acc
v GTA		D GAC		¥¥		F TIC	7	g G
F		G GGA		₽ CCT		ACT.		100 A GCT
v GTC		v GTA		S TCT		F TTC	į	GGT
SAG CAG		ిస్ట్		∽્ર₹	2	GAT		F
ATT		₽₽		g g		T ACG		T ACG
~ઇ		s Toc		ა ა გ		ე ე		L CTC
ν ζ		ATG		¥ ¥		2 777 QR3		, D
E GAG	٤	3. T. D.		CAG		S S S		T ACT
M ATG		¥¥		~ર્ર્ડ		s AGT		T ACT
								ঠ
A2B5		A2B5		A2B5		A2B5		germline JvS A2BS

FIG. 39A

Mixed Primary Glia sH-lgM.22 Ca²⁺ response

- ratio cell #1
- ratio cell #2
- \triangle sH-lgM.22 (3 μ g/ml)
- ▲ Br-A23187 (10μM)

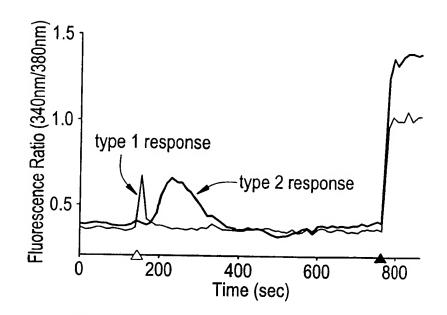


FIG. 39B

Mixed Primary Glia SCH 94.03 Ca²⁺ response

- ratio cell #1
- ratio cell #2
- Δ SCH 94.03 (3µg/ml)
- A Br-A23187 (10μM)

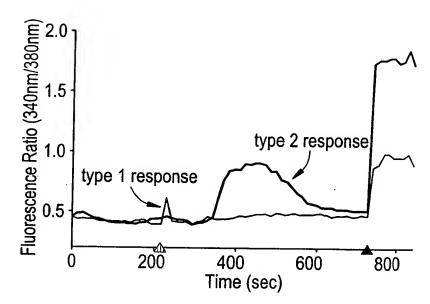


FIG. 39C

Mixed Primary Glia CH 12/sH-lgM.14 Ca²⁺ response

- ratio cell #1
- ratio cell #2
- △ CH 12 (3μg/ml)
- & sH-lgM.14 (3μg/ml)
- A Br-A23187 (10μM)

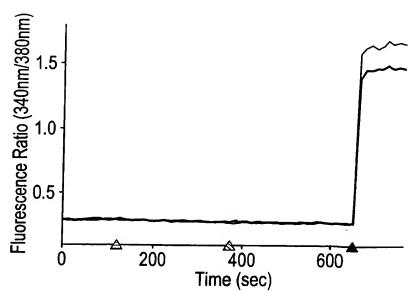


FIG. 72

!	N AAC	Cas	ACC	ACT	GT 110 T ACT
	IATC	O. K.D.	92 .	T T T T T T T T T T T T T T T T T T T	- IMGT 11(N T AAT AC
	20 F	Y TAC		G CAT	CDR3 Y TAT 1
į	A GCC	₩ TGG	:	85 M	TAT.
į	A AGG	40 A GCT	:	H 999	CAR
į	E GAG	TTA 4	DMGT.	ı s TCT	105 O CAG
	ဗ ဗ	TAC		m :	수
İ	15 L CTG	AAC AAC	CDR2	c :	Y TAC
E	STCT	AAG	S TCT	80 66 66	Y
Ŋ	V GTG	35 N AAT	4 25	S AGC	> P
×	GCT	IMGT N	₽ĞG	၁ဗ္ဗ	100 4 A A
H	CIG	A SPE V	55 X TAC	SAGT	org
ı	10 S TCC	CDR1	I Att	TE	GAT
H	D GAC	Y	CIC	75 R CGA	GAA
æ	4 4 7 8	30 L TTA	CIA	0 8 9	GCT
Ŀ	STCT	V GIT	K AAA		95 CAG
	O PO DAG	S AGT	50 P CCT	CCT	CHG
	5 F	CAG	PCCT	OHO OHO	A 0.
\$ - -		8 8 C	CAG	70 G	S AGC
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	V GTG	25 25 16C	ა <mark>გ</mark>	နှင့် သည	IATC
 	ATC	AAG R	A D S	e AA	90 FC CC
\	1 D GAC	2 H	45 AAA	8 CGG	H D D

PQAFFGQGACCAAGGTGGAAATCAAACGAACTGTGGCTGCACCATCTGTCTTC